



**DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY  
AFFAIRS (PERA)  
BOARD AND CODE ADMINISTRATION DIVISION  
NOTICE OF ACCEPTANCE (NOA)**

**MIAMI-DADE COUNTY  
PRODUCT CONTROL SECTION**  
11805 SW 26 Street, Room 208  
Miami, Florida 33175-2474  
T (786) 315-2590 F (786) 315-2599  
[www.miamidade.gov/pera](http://www.miamidade.gov/pera)

**Pino's Window Corporation**  
6860 NW 77 Terrace  
Medley, FL 33166

**SCOPE:**

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County PERA - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. PERA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

**DESCRIPTION: Aluminum Tube Mullion – L.M.I.**

**APPROVAL DOCUMENT:** Drawing No. **M95-18A**, titled "Aluminum Tube Mullions", sheets 1 through 4 of 4, dated 12/07/1995, with last revision D dated 02/20/2012, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E., bearing the Miami-Dade County Product Control renewal stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

**MISSILE IMPACT RATING: Large and Small Missile Impact Resistant**

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA **renews NOA # 08-0514.10** and consists of this page 1 and evidence page E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by **Carlos M. Utrera, P.E.**



*[Signature]*  
07/02/2012

**NOA No. 12-0314.02**  
**Expiration Date: March 28, 2017**  
**Approval Date: July 12, 2012**  
**Page 1**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Drawing No. **M95-18A**, titled "Aluminum Tube Mullions", sheets 1 through 4 of 4, dated 12/07/1995, with last revision D dated 02/20/2012, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

**B. TESTS *"Submitted under NOA # 08-0514.10"***

1. Test reports on 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94  
2) Large Missile Impact Test per FBC, TAS 201-94  
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with marked-up drawings and installation diagram of Aluminum Fixed Windows Mulls Together, prepared by Fenestration Testing Laboratory, Test Report No. **FTL-5562**, dated 03/29/2008, signed and sealed by Carlos S. Rionda, P.E.

**C. CALCULATIONS**

1. Anchor and mullion calculations, prepared by Al-Farooq Corporation., dated 01/30/2012, signed and sealed by Javad Ahmad, P.E.

***"Submitted under NOA # 07-0322.12"***

2. Anchor and mullion calculations, prepared by Al-Farooq Corporation., dated 02/24/2007, signed and sealed by Humayoun Farooq, P.E.

**D. QUALITY ASSURANCE**

1. Miami-Dade Department of Permitting, Environment, and Regulatory Affairs (PERA)

**E. MATERIAL CERTIFICATIONS**

1. None.

**F. STATEMENTS**

1. Statement letter of code conformance to 2010 FBC and no financial interest issued by Al-Farooq Corporation, dated 01/30/2012, signed and sealed by Javad Ahmad, P.E.

***"Submitted under NOA # 08-0514.10"***

2. Laboratory compliance statement issued by Fenestration Testing Laboratory, Inc., dated 03/29/2008, signed and sealed by Carlos S. Rionda, P.E.

  
07/02/2012

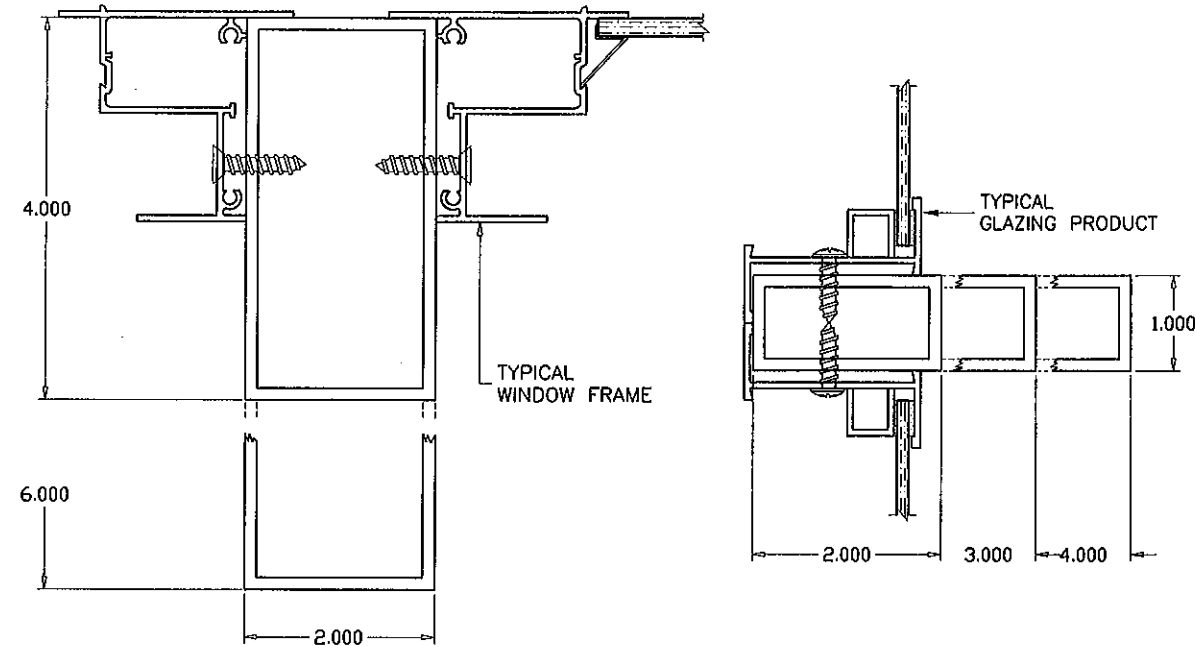
Carlos M. Utrera, P.E.

Product Control Examiner

NOA No. 12-0314.02

Expiration Date: March 28, 2017

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### MULLIONS CONTAINING TYPICAL GLAZING PRODUCTS HORIZONTAL OR VERTICAL

SEE WINDOW OR DOOR APPROVAL FOR FASTENERS SIZES AND SPACING

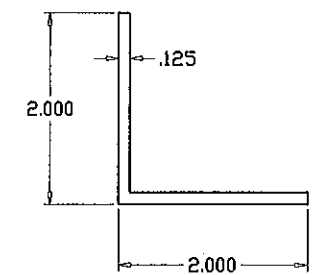
ALL MULLIONS 6063-T6 MIN.

### INSTRUCTIONS:

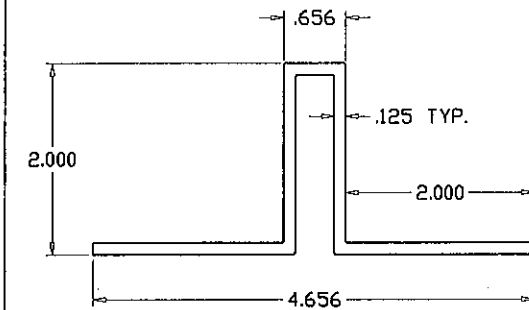
USE CHARTS AND GRAPHS AS FOLLOWS.

- STEP 1** DETERMINE DESIGN LOAD REQUIRED PER ASCE 7 FOR PARTICULAR OPENING.
- STEP 2** USE MIAMI-DADE COUNTY APPROVED GLAZING PRODUCTS MEETING ABOVE LOAD REQUIREMENTS.
- STEP 3** USE CONNECTION TO MULLION AS PER PRODUCT APPROVAL.
- STEP 4** USING GRAPHS ON SHEET 2 SELECT MULLION SIZE WITH DESIGN RATING MORE THAN DESIGN LOAD SPECIFIED IN STEP 1 ABOVE.
- STEP 5** USING ANCHOR TYPES ON SHEET 4, AND ANCHOR GRAPHS ON SHEET 3, SELECT ANCHOR TYPE WITH DESIGN RATING MORE THAN THE DESIGN LOADS SPECIFIED IN STEP 1 ABOVE.

MULLION SYSTEM IS RATED FOR LARGE MISSILE IMPACT, AND CAN BE USED WITH ALL MIAMI-DADE COUNTY APPROVED IMPACT AND NON-IMPACT RESISTANT PRODUCTS.



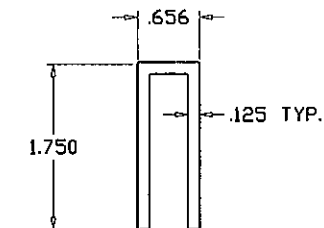
ANGLE CLIP (6063-T5)



MULLION CLIP (6063-T6)

(ALT. TO ANGLES)

CLIP LENGTHS MUST BE CUT TO FIT SNUG INTO TUBE MULLIONS.



MULLION CLIP LEGS REMOVED

### RECTANGULAR ALUMINUM TUBE MULLIONS USING MULLION PROPERTIES ONLY

#### NOTES:

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

ALL GLAZING PRODUCTS USED WITH THESE MULLIONS MUST MEET THE APPLICABLE BUILDING CODE REQUIREMENTS I.E: WIND LOAD, WATER INFILTRATION, FORCED ENTRY RESISTANCE, SAFEGUARDS ETC.

WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL COVERING (STUCCO, TILE ETC.).

ANCHORING CONDITIONS OTHER THAN THOSE SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BLDG. CODE SECTION 2003.8.4.

Engr. JAVAD AHMAD  
CIVIL  
FLA IPE # 70592  
C.A.N. 3538

**PRODUCT RENEWED**  
as complying with the Florida  
Building Code  
Acceptance No 12-0314-02  
Expiration Date 03/20/2017  
By *[Signature]*  
Miami/Dade Product Control

FEB 22 2012

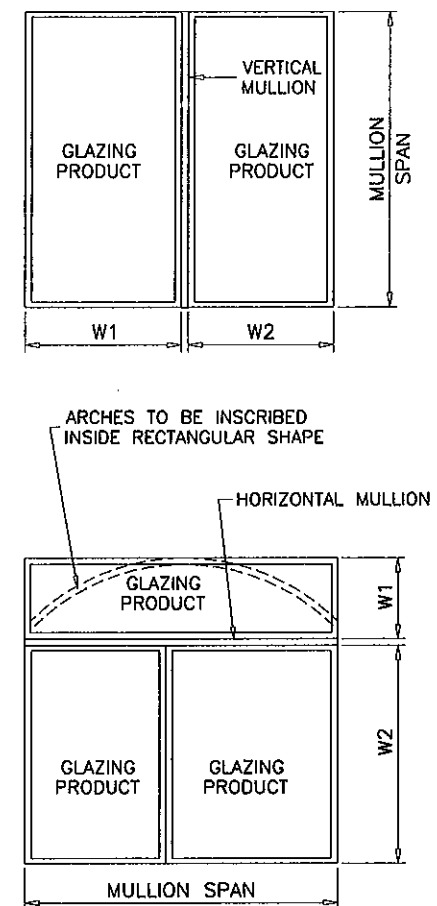
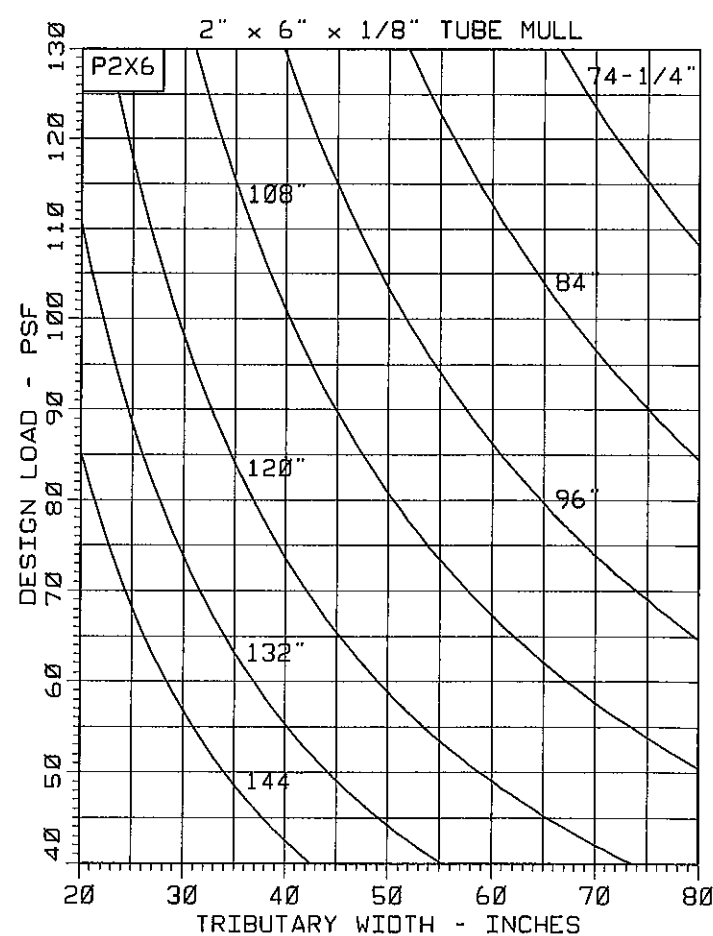
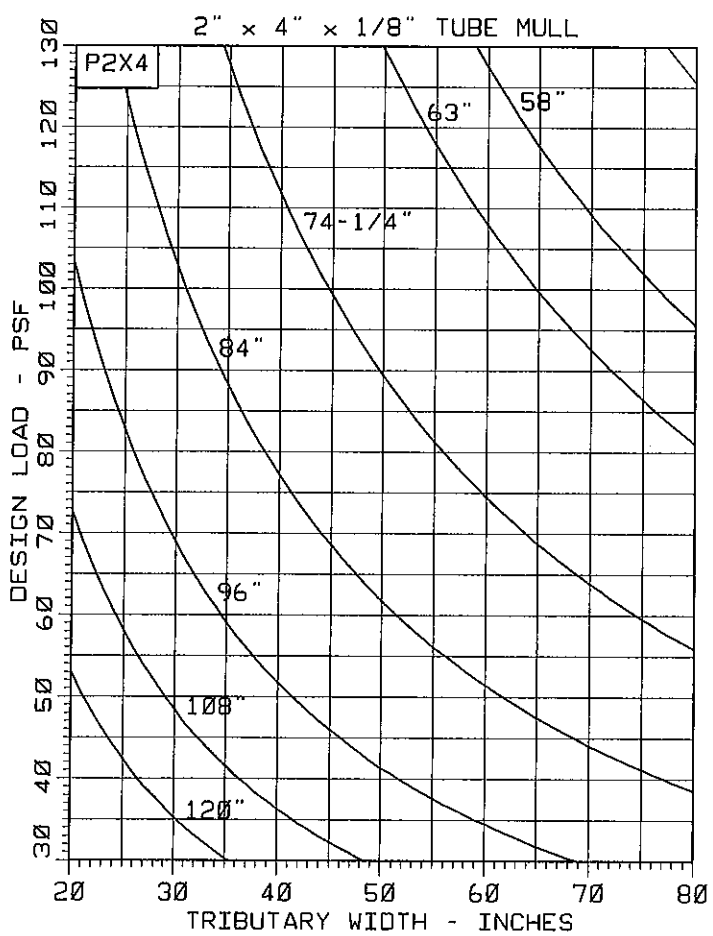
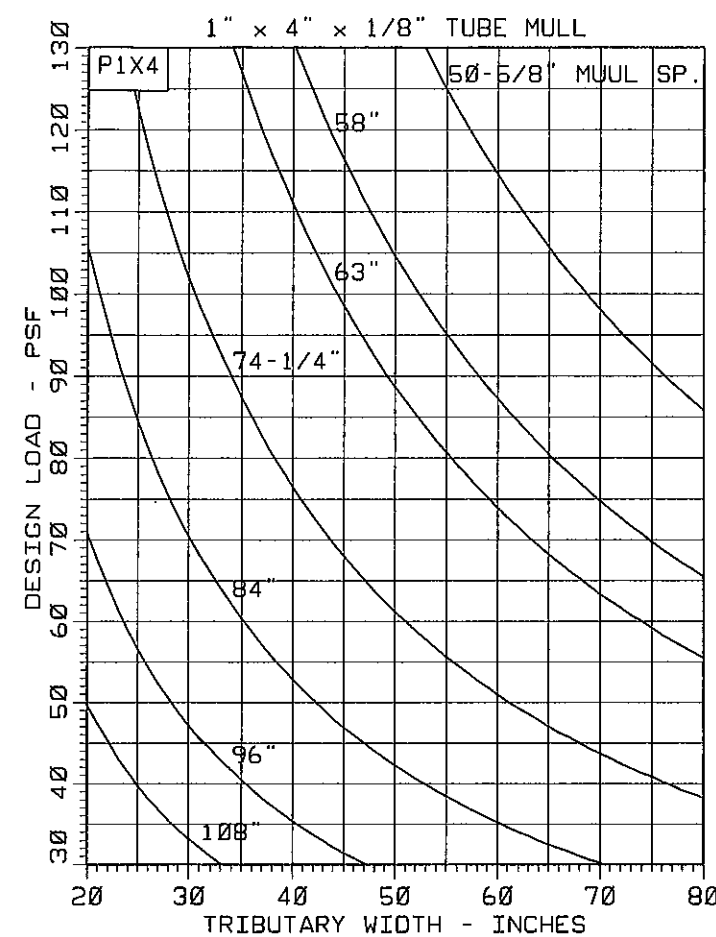
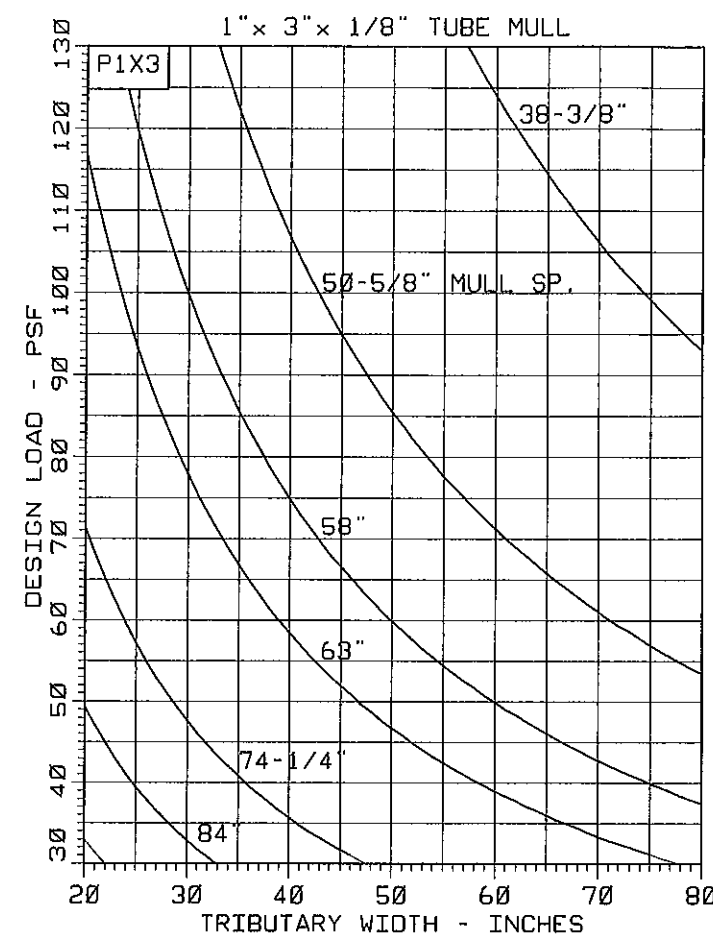
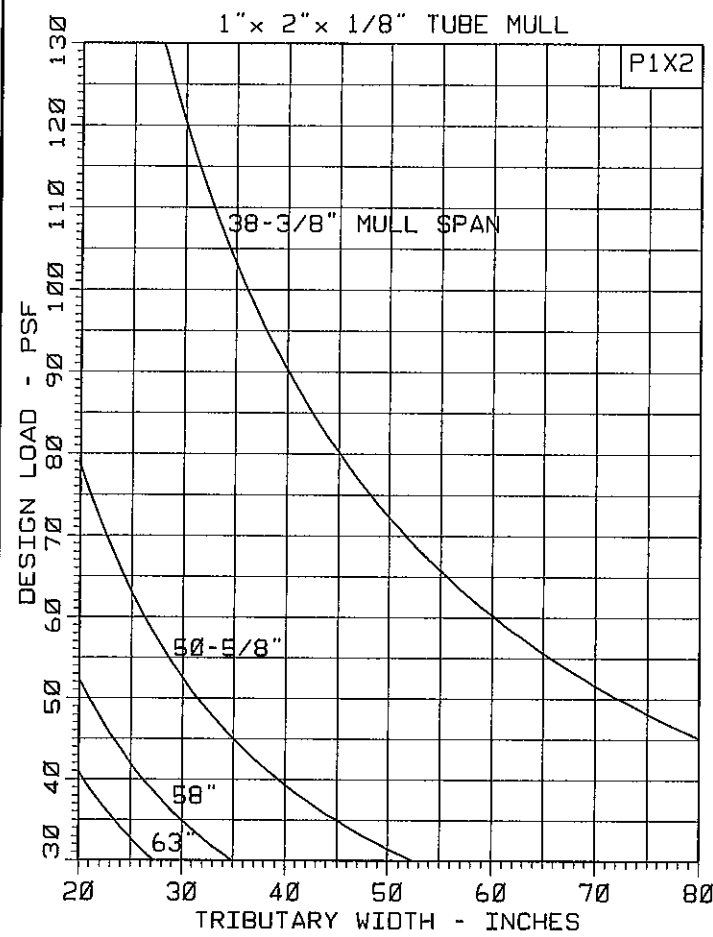
**AL-FAROOQ CORPORATION**  
ENGINEERS & PRODUCT DEVELOPMENT  
1235 S.W. 87 AVE  
MIAMI, FLORIDA 33174  
TEL. (305) 264-8100 FAX. (305) 262-6978  
MULLION M95-18A

ALUMINUM TUBE MULLIONS  
**PINO WINDOWS CORPORATION**  
6860 N.W. 75TH STREET  
MEDLEY, FL. 33166  
TEL. (305) 888-9946 FAX (305) 888-8079

no	date	by	description
A	02.14.02	T.H.	SHEETS 2 & 3 REV.
B	02.26.07		UPDATED FOR 2004 FBC
C	05.05.08		MULL CLIP ADDED
D	02.20.12		UPDATED TO 2010 FBC

date: 12-07-95  
scale: 1/2" = 1"  
dr. by: HAMID  
chk. by:

drawing no.  
**M95-18A**  
sheet 1 of 4



TYPICAL MULLION ARRANGEMENTS

$$\text{WIDTH (W)} = \frac{W1 + W2}{2}$$

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Acceptance No. 12-0314-02  
Expiration Date 03/28/2017  
By *[Signature]*  
Miami Dade Product Control

NOTE:  
MULLIONS RATED IN THESE CHARTS MAY BE ORIENTED  
VERTICALLY OR HORIZONTALLY.  
(INTERPOLATION BETWEEN WIDTHS ALLOWED)

Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
C.A.N. 3538  
*[Signature]*

MULLIONS

FEB 22 2012

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MULLION M95-18A

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ALUMINUM TUBE MULLIONS

**PINO WINDOWS CORPORATION**  
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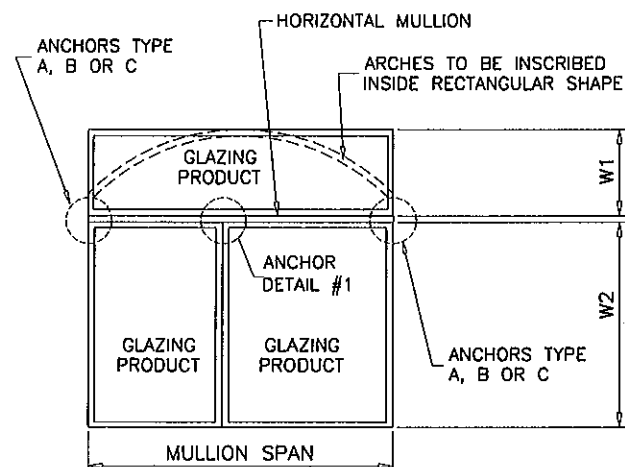
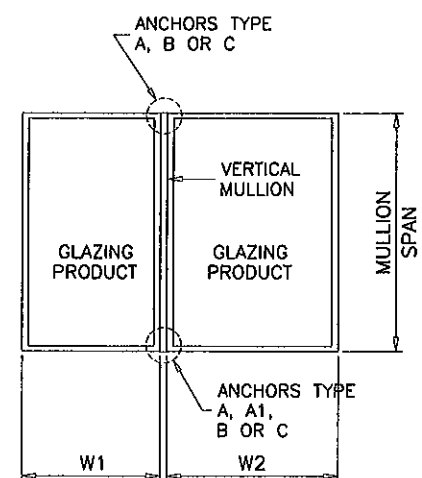
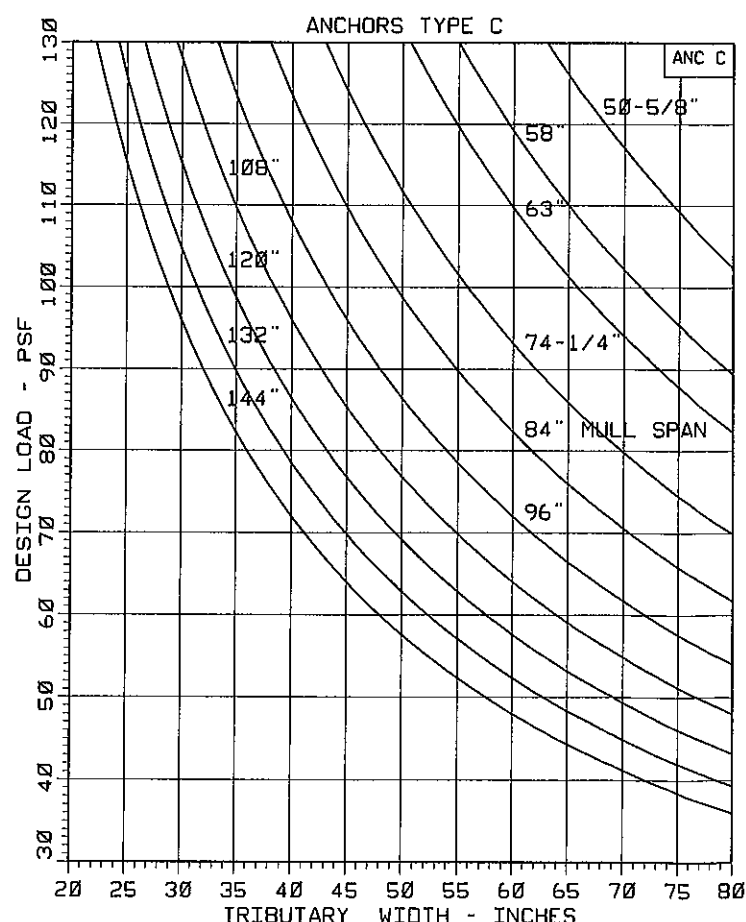
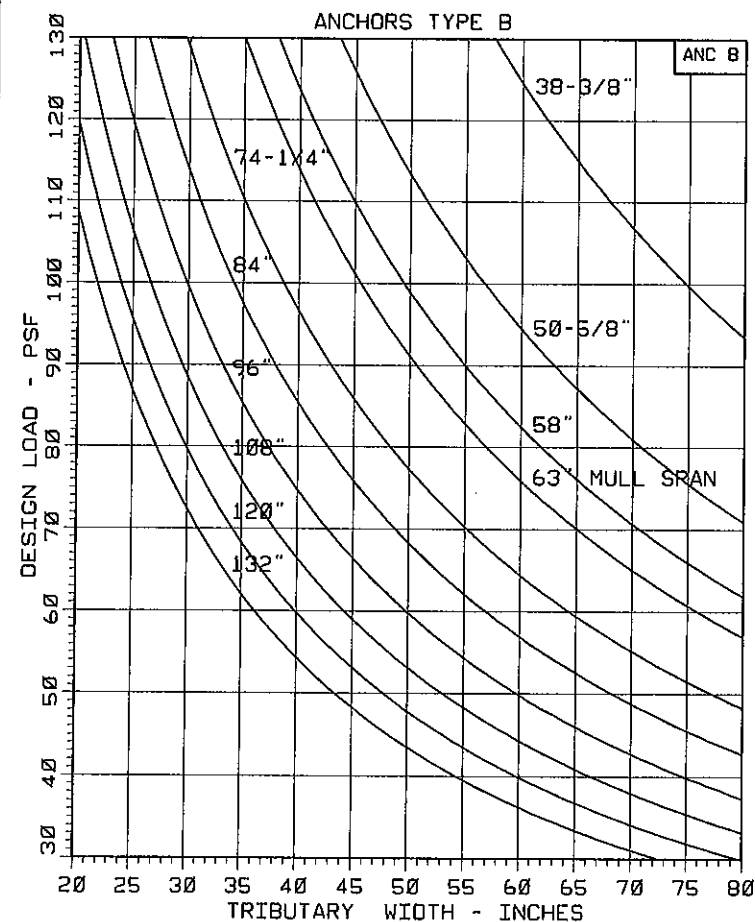
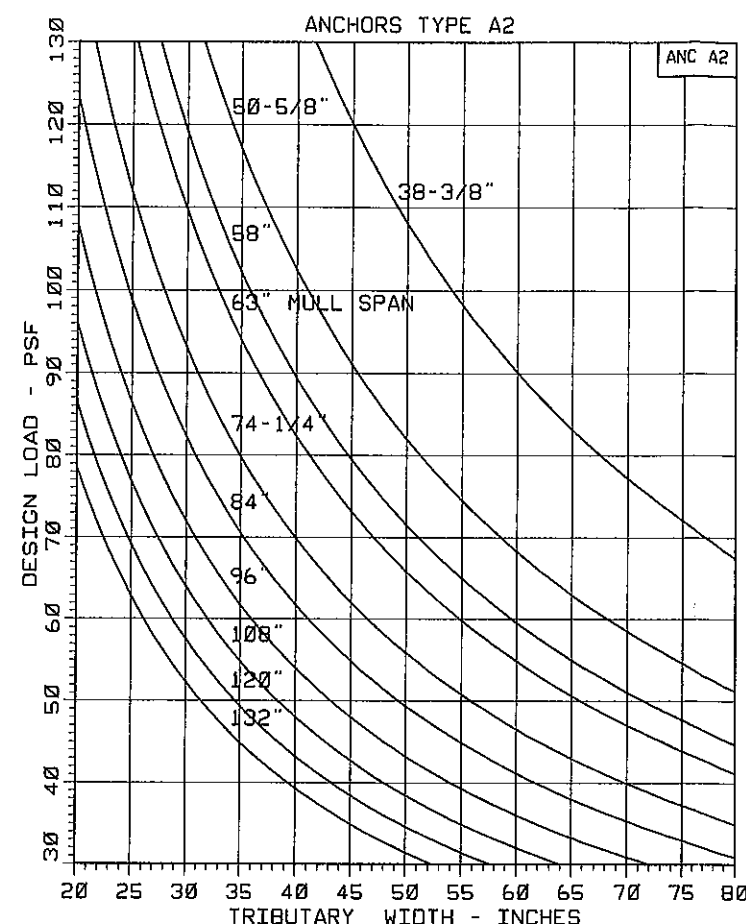
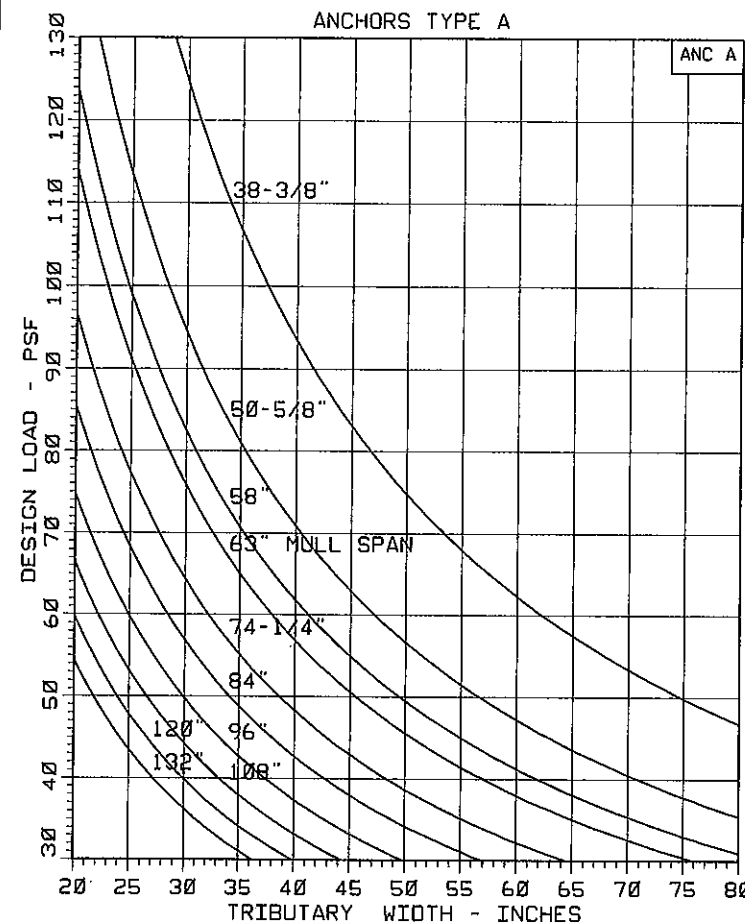
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C	05.05.08		NO CHANGE THIS SHEET
D	02.20.12		NO CHANGE THIS SHEET

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date: 12-07-95  
scale: 1/2" = 1"  
dr. by: HAMID  
chk. by:

drawing no.  
**M95-18A**  
sheet 2 of 4

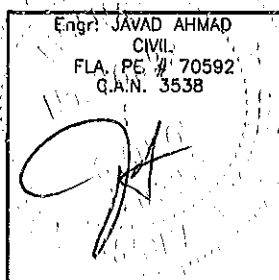


### TYPICAL MULLION ARRANGEMENTS

$$\text{WIDTH (W)} = \frac{W1 + W2}{2}$$

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By *[Signature]*  
Miami Dade Product Control

**NOTE:**  
ANY ANCHOR CONDITION SHOWN HEREIN MAY COVER  
LOCATIONS AT HEAD, SILL OR JAMB ENDS.  
FOR ANCHORS DESCRIPTION SEE SHEET 4.  
(INTERPOLATION BETWEEN WIDTHS OR SPANS ALLOWED)



**ANCHORS**

FEB 22 2012

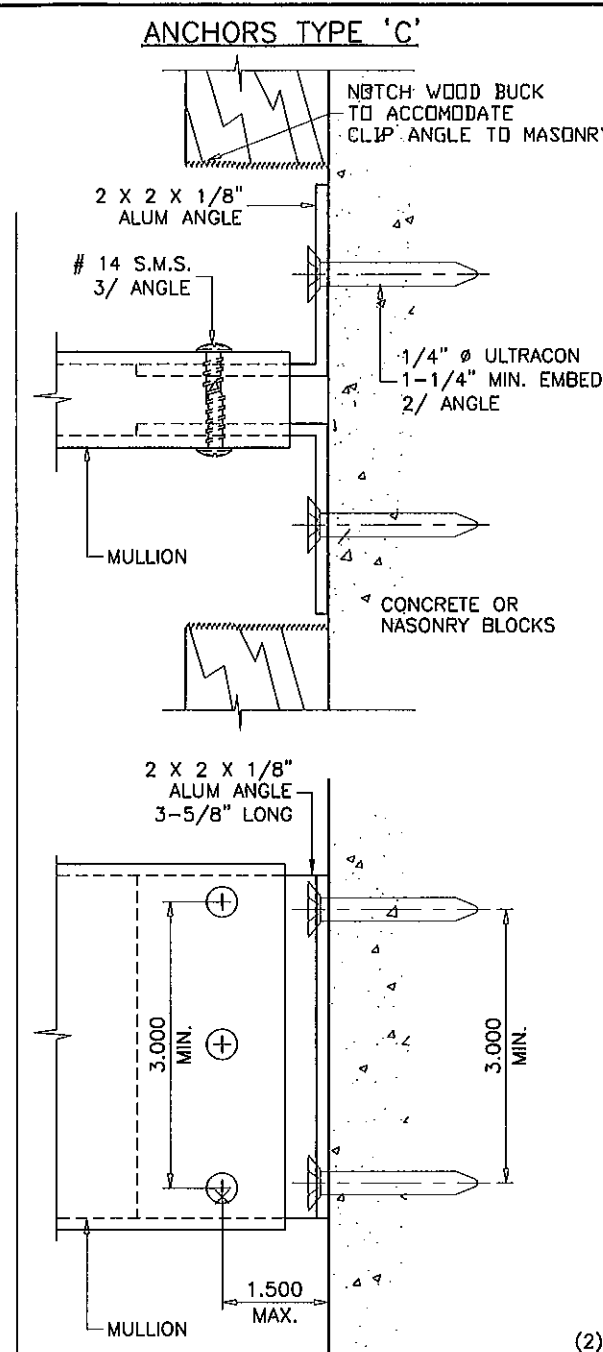
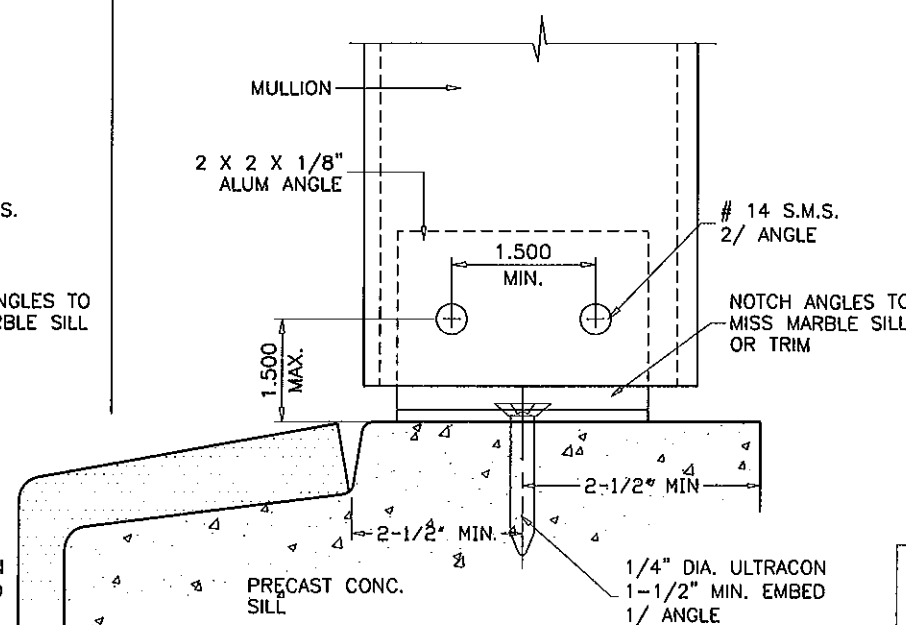
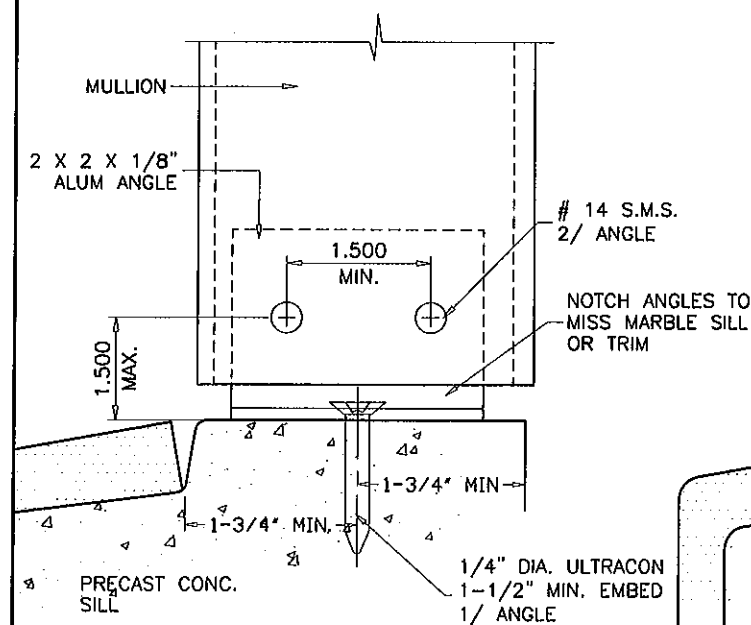
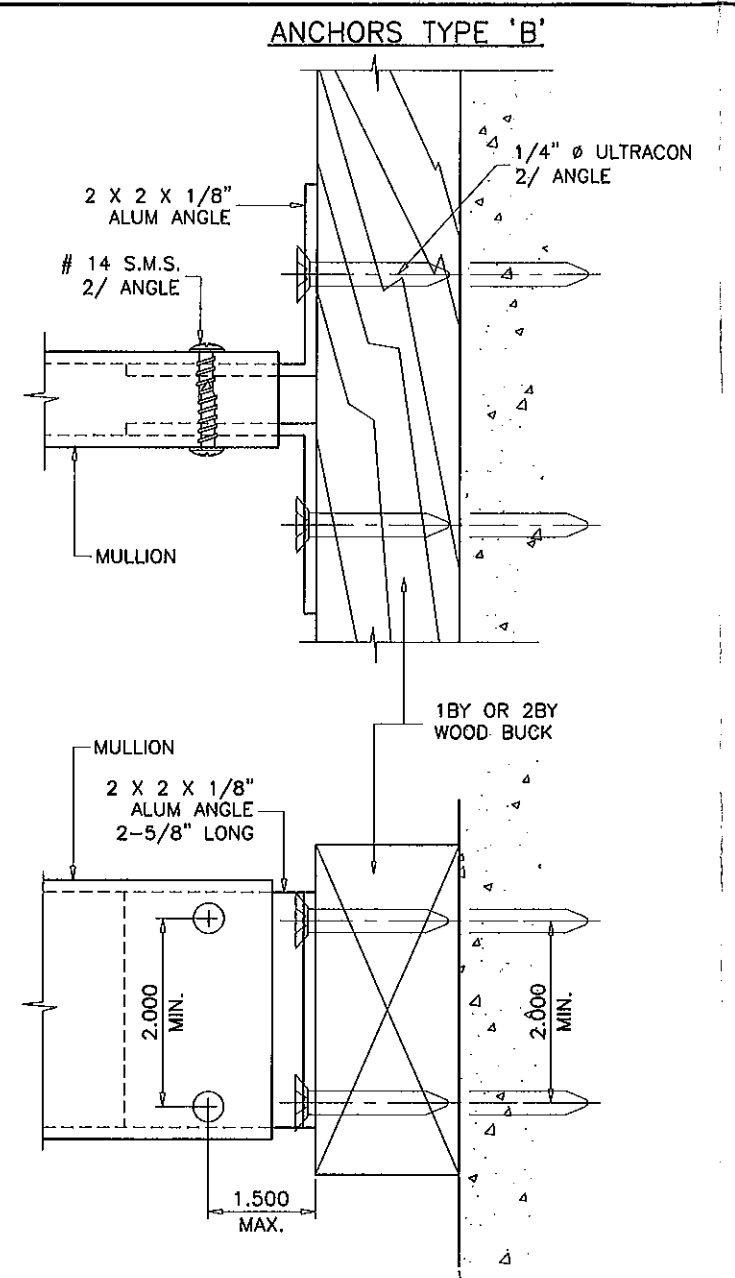
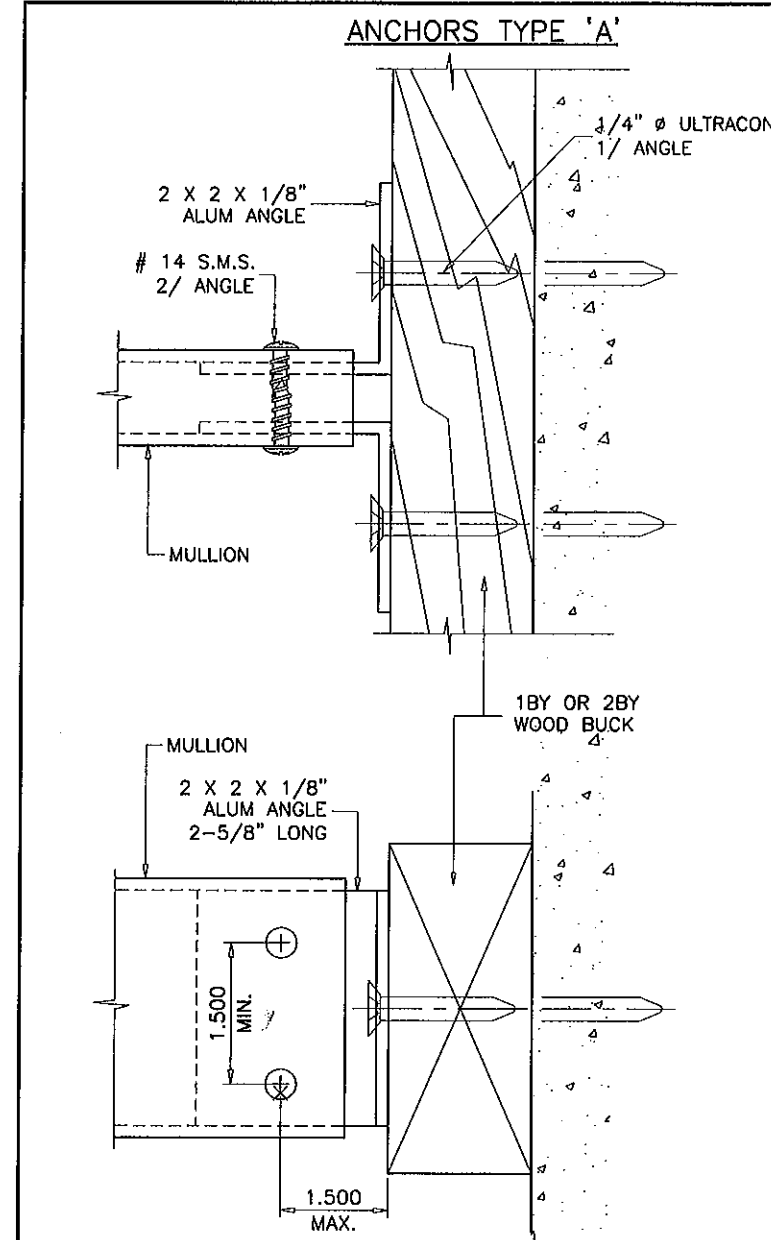
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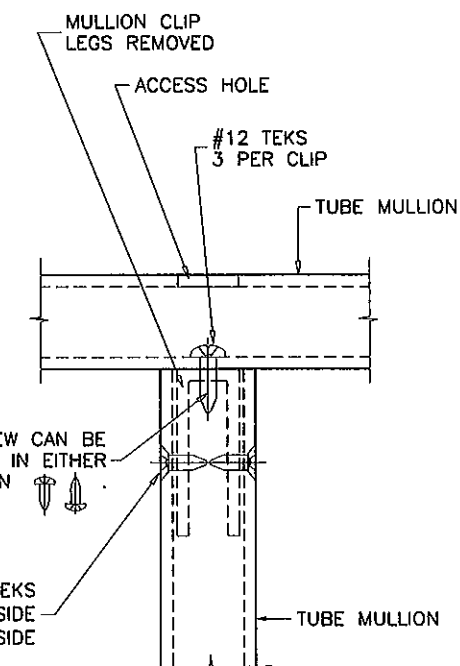
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		C	05.05.08		NO CHANGE THIS SHEET
		D	02.20.12		ANCHOR CHARTS REV.

date:	12-07-95
scale:	1/2" = 1"
dr. by:	HAMID
chk. by:	

drawing no.  
**M95-18A**  
sheet 3 of 4



**FLOATING MULLION CLIP OPTION**  
FOR 1BY TUBE MULLIONS  
VERTICAL OR HORIZONTAL



**ULTRACON BY 'ELCO'** ( $F_u=177$  KSI,  $F_y=155$  KSI)  
INTO 2BY WOOD BUCKS OR WOOD STRUCTURES  
1-3/8" MIN. PENETRATION INTO WOOD

THRU 1BY BUCKS INTO CONC. OR MASONRY  
1-1/4" MIN. EMBED INTO CONC. OR MASONRY

**ANCHOR EDGE DISTANCES:**

INTO CONCRETE AND MASONRY = 2-1/2" MIN.  
INTO WOOD STRUCTURE = 1" MIN.  
INTO METAL STRUCTURE = 5/8" MIN.

WOOD BUCKS NOT BY PINO WINDOWS  
MUST SUSTAIN LOADS IMPOSED.

Engr: JAVAD AHMAD  
CIVIL  
FLA. PE # 70592  
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	D	02.20.12		ANCHORS REV.

date: 12-07-95	scale: 1/2" = 1"	dr. by: HAMID	chk. by:
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drawing no.	M95-18A
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sheet 4 of 4
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